

# ZoneFlex™

## Smart Wireless LAN Systems



The Ruckus ZoneFlex Smart Wireless LAN systems changes the economics for WLAN deployment, allowing enterprises to install a robust and centrally-managed wireless environment at half the cost, in half the time, and with three times the performance. ZoneFlex is the first wireless LAN solution to combine state-of-the-art smart antenna technology, smart Wi-Fi meshing and centralized management within a single, ultra-simple system.

### KEY FEATURES

- **BeamFlex™** — Wi-Fi beamforming and beamsteering
- **Smart Mesh Networking** — Intelligent RF routing
- **SmartCast** — Innovative traffic handling
- **SmartSec** — Robust wireless security
- **802.11n** — Highest speed performance

### KEY BENEFITS

- **World's most reliable/best performing Wi-Fi**
  - Three to four times the range and reliability
  - Each AP integrates high-gain, directional smart antenna array for consistent performance at range and automatic interference avoidance
- **Unprecedented simplicity**
  - Configures in minutes, pluggable, meshable and self-forming
  - Eliminates configuration complexity and cumbersome WLAN deployment issue
  - Simple and robust security
  - Automatic RF management
- **Dramatically lower CAPEX/OPEX**
  - Smart Mesh networking eliminates the need to run Cat 5 Ethernet cables to every Wi-Fi access point
  - Fewer APs required
  - Deploy once, never survey site again

Smart Wi-Fi Products	Description
	Remote Wi-Fi device management and managed service platform
	Smart Wi-Fi application engine for Ruckus ZoneDirector controllers <ul style="list-style-type: none"> <li>- Guest networking</li> <li>- Smart mesh networking</li> <li>- RF management</li> <li>- Sophisticated security</li> <li>- Advanced authentication</li> </ul>
	Central WLAN controllers supporting 6 to 500 Ruckus ZoneFlex APs
	Dual-band, two-port, 802.11n wall/ceiling mounted Smart Wi-Fi AP with PoE (802.3af) support and integrated dynamic beamforming
	Dual-band, two-port, 802.11n outdoor pole/wall/ceiling mounted Smart Wi-Fi AP with PoE (802.3af) support and integrated dynamic beamforming
	Single-band, two-port 802.11n wall/ceiling mounted Smart Wi-Fi AP with PoE (802.3af) support and integrated dynamic beamforming
	Two-port 802.11b/g wall/ceiling mounted, Smart Wi-Fi AP with PoE (802.3af) support and dynamic beamforming
	Single-band, one-port 802.11b/g outdoor Smart Wi-Fi AP with dynamic beamforming and PoE (802.3af) support

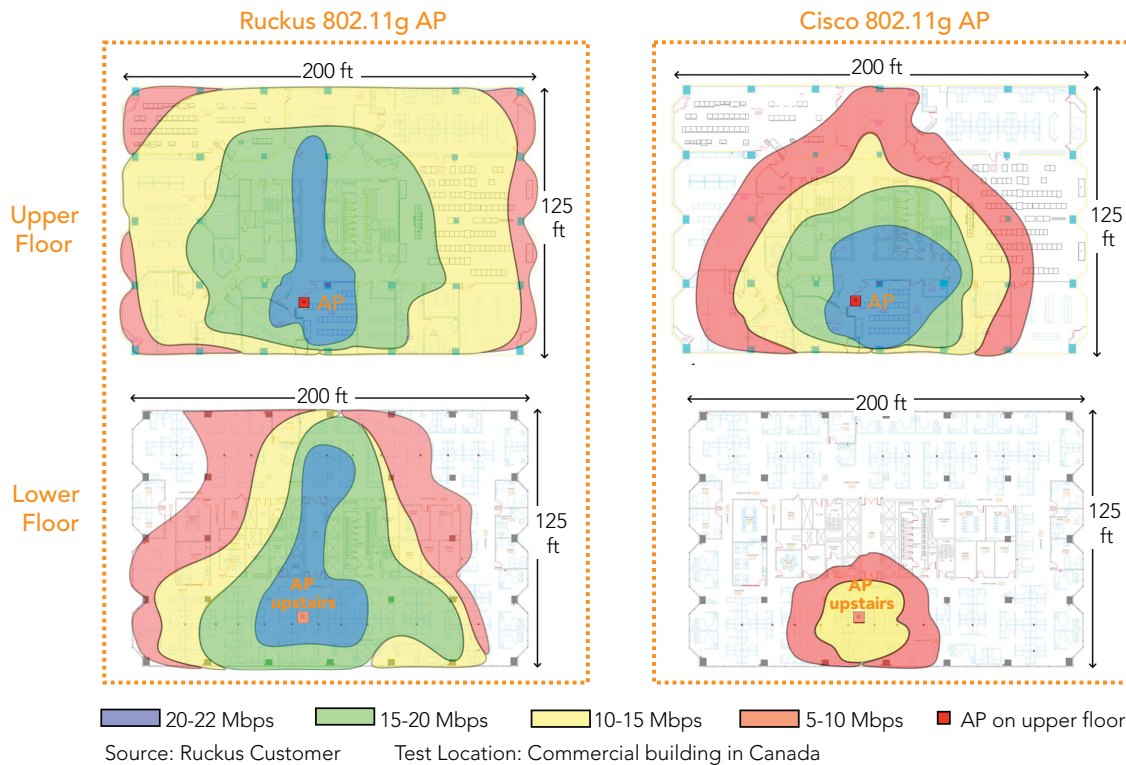


## COMPETITIVE MATRIX

CAPABILITY	Aruba	Cisco	HP	Meru	Trapeze	Ruckus
Extended range and coverage						✓
Interference mitigation and avoidance						✓
Multiple wireless networks on same access point	✓	✓	✓	✓	✓	✓
Advanced Quality of Service (QoS)						✓
Dynamic Pre-Shared Keys (no-touch client security)						✓
802.1X support	✓	✓	✓	✓	✓	✓
Flawless transmission of concurrent voice, video & data						✓
Automatic RF path selection and adaptation						✓
High gain directionality						✓
Guest access	✓	✓	✓	✓	✓	✓
Wireless meshing	limited	limited	limited	limited		✓
5-minute complete wireless LAN configuration						✓
Number of APs per 100,000 square feet	40	40	40	40	40	25
Price per 100,000 square feet	\$32K	\$48K	\$23K	\$48K	\$39K	\$14K

## CONSISTENT PERFORMANCE AT RANGE

Ruckus ZoneFlex 802.11g vs. Cisco 802.11g



One Ruckus AP provided Wi-Fi coverage for the top floor and two-thirds for the lower floor. While one Cisco AP provided spotty coverage for the top floor and one-third coverage for the lower floor.

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